



PU/09

RAW SEQUENCE LISTING DATE: 08/26/2002  
 PATENT APPLICATION: US/09/890,549 TIME: 14:01:22

Input Set : A:\pf0676usn\_seqlist.txt  
 Output Set: N:\CRF3\08262002\I890549.raw

May 19  
 2002

Does Not Comply  
 Corrected Diskette Needed

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.  
 5 TANG, Y. Tom  
 6 HILLMAN, Jennifer L.  
 7 YUE, Henry  
 8 AZIMZAI, Yalda  
 9 BAUGHN, Mariah R.  
 10 TRAN, Bao  
 12 <120> TITLE OF INVENTION: HUMAN LIPID-ASSOCIATED PROTEINS  
 14 <130> FILE REFERENCE: PF-0676 PCT  
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/890,549  
 C--> 17 <141> CURRENT FILING DATE: 2002-08-26  
 19 <150> PRIOR APPLICATION NUMBER: 60/120,703 60/142,762  
 W--> 20 <151> PRIOR FILING DATE: 1999-02-19, 1999-07-08  
 22 <160> NUMBER OF SEQ ID NOS: 24  
 24 <170> SOFTWARE: PERL Program  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 331  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Homo sapiens  
 31 <220> FEATURE:  
 32 <221> NAME/KEY: misc\_feature  
 33 <223> OTHER INFORMATION: Incyte ID No: 161190CD1  
 35 <400> SEQUENCE: 1  
 36 Met Asp Ser Glu Lys Lys Arg Phe Thr Glu Glu Ala Thr Lys Tyr  
 37 1 5 10 15  
 38 Phe Arg Glu Arg Val Ser Pro Val His Leu Gln Ile Leu Leu Thr  
 39 20 25 30  
 40 Asn Asn Glu Ala Trp Lys Arg Phe Val Thr Ala Ala Glu Leu Pro  
 41 35 40 45  
 42 Arg Asp Glu Ala Asp Ala Leu Tyr Glu Ala Leu Lys Lys Leu Arg  
 43 50 55 60  
 44 Thr Tyr Ala Ala Ile Glu Asp Glu Tyr Val Gln Gln Lys Asp Glu  
 45 65 70 75  
 46 Gln Phe Arg Glu Trp Phe Leu Lys Glu Phe Pro Gln Val Lys Arg  
 47 80 85 90  
 48 Lys Ile Gln Glu Ser Ile Glu Lys Leu Arg Ala Leu Ala Asn Gly  
 49 95 100 105  
 50 Ile Glu Glu Val His Arg Gly Cys Thr Ile Ser Asn Val Val Ser  
 51 110 115 120  
 52 Ser Ser Thr Gly Ala Ala Ser Gly Ile Met Ser Leu Ala Gly Leu  
 53 125 130 135  
 54 Val Leu Ala Pro Phe Thr Ala Gly Thr Ser Leu Ala Leu Thr Ala  
 55 140 145 150

group these together

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56 Ala Gly Val Gly Leu Gly Ala Ala Ser Ala Val Thr Gly Ile Thr  
57 155 160 165  
58 Thr Ser Ile Val Glu His Ser Tyr Thr Ser Ser Ala Glu Ala Glu  
59 170 175 180  
60 Ala Ser Arg Leu Thr Ala Thr Ser Ile Asp Arg Leu Lys Val Phe  
61 185 190 195  
62 Lys Glu Val Met Arg Asp Ile Thr Pro Asn Leu Leu Ser Leu Leu  
63 200 205 210  
64 Asn Asn Tyr Tyr Glu Ala Thr Gln Thr Ile Gly Ser Glu Ile Arg  
65 215 220 225  
66 Ala Ile Arg Gln Ala Arg Ala Arg Ala Arg Leu Pro Val Thr Thr  
67 230 235 240  
68 Trp Arg Ile Ser Ala Gly Ser Gly Gly Gln Ala Glu Arg Thr Ile  
69 245 250 255  
70 Ala Gly Thr Thr Arg Ala Val Ser Arg Gly Ala Arg Ile Leu Ser  
71 260 265 270  
72 Ala Thr Thr Ser Gly Ile Phe Leu Ala Leu Asp Val Val Asn Leu  
73 275 280 285  
74 Val Tyr Glu Ser Lys His Leu His Glu Gly Ala Lys Ser Ala Ser  
75 290 295 300  
76 Ala Glu Glu Leu Arg Arg Gln Ala Gln Glu Leu Glu Glu Asn Leu  
77 305 310 315  
78 Met Glu Leu Thr Gln Ile Tyr Gln Arg Leu Asn Pro Cys His Thr  
79 320 325 330  
80 His  
83 <210> SEQ ID NO: 2  
84 <211> LENGTH: 480  
85 <212> TYPE: PRT  
86 <213> ORGANISM: Homo sapiens  
88 <220> FEATURE:  
89 <221> NAME/KEY: misc\_feature  
90 <223> OTHER INFORMATION: Incyte ID No: 1292575CD1  
92 <400> SEQUENCE: 2  
93 Met Asn Gly Glu Glu Glu Phe Phe Asp Ala Val Thr Gly Phe Asp  
94 1 5 10 15  
95 Ser Asp Asn Ser Ser Gly Glu Phe Ser Glu Ala Asn Gln Lys Val  
96 20 25 30  
97 Thr Gly Met Ile Asp Leu Asp Thr Ser Lys Asn Asn Arg Ile Gly  
98 35 40 45  
99 Lys Thr Gly Glu Arg Pro Ser Gln Glu Asn Gly Ile Gln Lys His  
100 50 55 60  
101 Arg Thr Ser Leu Pro Ala Pro Met Phe Ser Arg Ser Asp Phe Ser  
102 65 70 75  
103 Val Trp Thr Ile Leu Lys Lys Cys Val Gly Leu Glu Leu Ser Lys  
104 80 85 90  
105 Ile Thr Met Pro Ile Ala Phe Asn Glu Pro Leu Ser Phe Leu Gln  
106 95 100 105  
107 Arg Ile Thr Glu Tyr Met Glu His Val Tyr Leu Ile His Arg Ala  
108 110 115 120

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109 Ser Cys Gln Pro Gln Pro Leu Glu Arg Met Gln Ser Val Ala Ala  
 110 125 130 135  
 111 Phe Ala Val Ser Ala Val Ala Ser Gln Trp Glu Arg Thr Gly Lys  
 112 140 145 150  
 113 Pro Phe Asn Pro Leu Leu Gly Glu Thr Tyr Glu Leu Ile Arg Glu  
 114 155 160 165  
 115 Asp Leu Gly Phe Arg Phe Ile Ser Glu Gln Val Ser His His Pro  
 116 170 175 180  
 117 Pro Ile Ser Ala Phe His Ser Glu Gly Leu Asn His Asp Phe Leu  
 118 185 190 195  
 119 Phe His Gly Ser Ile Tyr Pro Lys Leu Lys Phe Trp Gly Lys Ser  
 120 200 205 210  
 121 Val Glu Ala Glu Pro Arg Gly Thr Ile Thr Leu Glu Leu Leu Lys  
 122 215 220 225  
 123 His Asn Glu Ala Tyr Thr Trp Thr Asn Pro Thr Cys Cys Val His  
 124 230 235 240  
 125 Asn Val Ile Ile Gly Lys Leu Trp Ile Glu Gln Tyr Gly Thr Val  
 126 245 250 255  
 127 Glu Ile Leu Asn His Arg Thr Gly His Lys Cys Val Leu His Phe  
 128 260 265 270  
 129 Lys Pro Cys Gly Leu Phe Gly Lys Glu Leu His Lys Val Glu Gly  
 130 275 280 285  
 131 His Ile Gln Asp Lys Asn Lys Lys Lys Leu Phe Met Ile Tyr Gly  
 132 290 295 300  
 133 Lys Trp Thr Glu Cys Leu Trp Gly Ile Asp Pro Val Ser Tyr Glu  
 134 305 310 315  
 135 Ser Phe Lys Lys Gln Glu Arg Arg Gly Asp His Leu Arg Lys Ala  
 136 320 325 330  
 137 Lys Leu Asp Glu Asp Ser Gly Lys Ala Asp Ser Asp Val Ala Asp  
 138 335 340 345  
 139 Asp Val Pro Val Ala Gln Glu Thr Val Gln Val Ile Pro Gly Ser  
 140 350 355 360  
 141 Lys Leu Leu Trp Arg Ile Asn Thr Arg Pro Pro Asn Ser Ala Gln  
 142 365 370 375  
 143 Met Tyr Asn Phe Thr Ser Phe Thr Val Ser Leu Asn Glu Leu Glu  
 144 380 385 390  
 145 Thr Gly Met Glu Lys Thr Leu Pro Pro Thr Asp Cys Arg Leu Arg  
 146 395 400 405  
 147 Pro Asp Ile Arg Gly Met Glu Asn Gly Asn Met Asp Leu Ala Ser  
 148 410 415 420  
 149 Gln Glu Lys Glu Arg Leu Glu Glu Lys Gln Arg Glu Ala Arg Arg  
 150 425 430 435  
 151 Glu Arg Ala Lys Glu Glu Ala Glu Trp Gln Thr Arg Trp Phe Tyr  
 152 440 445 450  
 153 Pro Gly Asn Asn Pro Tyr Thr Gly Thr Pro Asp Trp Leu Tyr Ala  
 154 455 460 465  
 155 Gly Asp Tyr Phe Glu Arg Asn Phe Ser Asp Cys Pro Asp Ile Tyr  
 156 470 475 480  
 159 <210> SEQ ID NO: 3

RAW SEQUENCE LISTING  
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Input Set : A:\pf0676usn\_seqlist.txt  
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160 <211> LENGTH: 409  
 161 <212> TYPE: PRT  
 162 <213> ORGANISM: Homo sapiens  
 164 <220> FEATURE:  
 165 <221> NAME/KEY: misc\_feature  
 166 <223> OTHER INFORMATION: Incyte ID No: 2454393CD1  
 168 <400> SEQUENCE: 3  
 169 Met Ala Thr Ser Val Gly His Arg Cys Leu Gly Leu Leu His Gly  
 170 1 5 10 15  
 171 Val Ala Pro Trp Arg Ser Ser Leu His Pro Cys Glu Ile Thr Ala  
 172 20 25 30  
 173 Leu Ser Gln Ser Leu Gln Pro Leu Arg Lys Leu Pro Phe Arg Ala  
 174 35 40 45  
 175 Phe Arg Thr Asp Ala Arg Lys Ile His Thr Ala Pro Ala Arg Thr  
 176 50 55 60  
 177 Met Phe Leu Leu Arg Pro Leu Pro Ile Leu Leu Val Thr Gly Gly  
 178 65 70 75  
 179 Gly Tyr Ala Gly Tyr Arg Gln Tyr Glu Lys Tyr Arg Glu Arg Glu  
 180 80 85 90  
 181 Leu Glu Lys Leu Gly Leu Glu Ile Pro Pro Lys Leu Ala Gly His  
 182 95 100 105  
 183 Trp Glu Val Ala Leu Tyr Lys Ser Val Pro Thr Arg Leu Leu Ser  
 184 110 115 120  
 185 Arg Ala Trp Gly Arg Leu Asn Gln Val Glu Leu Pro His Trp Leu  
 186 125 130 135  
 187 Arg Arg Pro Val Tyr Ser Leu Tyr Ile Trp Thr Phe Gly Val Asn  
 188 140 145 150  
 189 Met Lys Glu Ala Ala Val Glu Asp Leu His His Tyr Arg Asn Leu  
 190 155 160 165  
 191 Ser Glu Phe Phe Arg Arg Lys Leu Lys Pro Gln Ala Arg Pro Val  
 192 170 175 180  
 193 Cys Gly Leu His Ser Val Ile Ser Pro Ser Asp Gly Arg Ile Leu  
 194 185 190 195  
 195 Asn Phe Gly Gln Val Lys Asn Cys Glu Val Glu Gln Val Lys Gly  
 196 200 205 210  
 197 Val Thr Tyr Ser Leu Glu Ser Phe Leu Gly Pro Arg Met Cys Thr  
 198 215 220 225  
 199 Glu Asp Leu Pro Phe Pro Pro Ala Ala Ser Cys Asp Ser Phe Lys  
 200 230 235 240  
 201 Asn Gln Leu Val Thr Arg Glu Gly Asn Glu Leu Tyr His Cys Val  
 202 245 250 255  
 203 Ile Tyr Leu Ala Pro Gly Asp Tyr His Cys Phe His Ser Pro Thr  
 204 260 265 270  
 205 Asp Trp Thr Val Ser His Arg Arg His Phe Pro Gly Ser Leu Met  
 206 275 280 285  
 207 Ser Val Asn Pro Gly Met Ala Arg Trp Ile Lys Glu Leu Phe Cys  
 208 290 295 300  
 209 His Asn Glu Arg Val Val Leu Thr Gly Asp Trp Lys His Gly Phe  
 210 305 310 315

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211 Phe Ser Leu Thr Ala Val Gly Ala Thr Asn Val Gly Ser Ile Arg  
212                   320                   325                   330  
213 Ile Tyr Phe Asp Arg Asp Leu His Thr Asn Ser Pro Arg His Ser  
214                   335                   340                   345  
215 Lys Gly Ser Tyr Asn Asp Phe Ser Phe Val Thr His Thr Asn Arg  
216                   350                   355                   360  
217 Glu Gly Val Pro Met Arg Lys Gly Glu His Leu Gly Glu Phe Asn  
218                   365                   370                   375  
219 Leu Gly Ser Thr Ile Val Leu Ile Phe Glu Ala Pro Lys Asp Phe  
220                   380                   385                   390  
221 Asn Phe Gln Leu Lys Thr Gly Gln Lys Ile Arg Phe Gly Glu Ala  
222                   395                   400                   405  
223 Leu Gly Ser Leu  
226 <210> SEQ ID NO: 4  
227 <211> LENGTH: 759  
228 <212> TYPE: PRT  
229 <213> ORGANISM: Homo sapiens  
231 <220> FEATURE:  
232 <221> NAME/KEY: misc\_feature  
233 <223> OTHER INFORMATION: Incyte ID No: 2766980CD1  
235 <400> SEQUENCE: 4  
236 Met Glu Ser Ser Pro Phe Asn Arg Arg Gln Trp Thr Ser Leu Ser  
237   1               5               10               15  
238 Leu Arg Val Thr Ala Lys Glu Leu Ser Leu Val Asn Lys Asn Lys  
239   20               25               30  
240 Ser Ser Ala Ile Val Glu Ile Phe Ser Lys Tyr Gln Lys Ala Ala  
241   35               40               45  
242 Glu Glu Thr Asn Met Glu Lys Lys Arg Ser Asn Thr Glu Asn Leu  
243   50               55               60  
244 Ser Gln His Phe Arg Lys Gly Thr Leu Thr Val Leu Lys Lys Lys  
245   65               70               75  
246 Trp Glu Asn Pro Gly Leu Gly Ala Glu Ser His Thr Asp Ser Leu  
247   80               85               90  
248 Arg Asn Ser Ser Thr Glu Ile Arg His Arg Ala Asp His Pro Pro  
249   95               100              105  
250 Ala Glu Val Thr Ser His Ala Ala Ser Gly Ala Lys Ala Asp Gln  
251   110              115              120  
252 Glu Glu Gln Ile His Pro Arg Ser Arg Leu Arg Ser Pro Pro Glu  
253   125              130              135  
254 Ala Leu Val Gln Gly Arg Tyr Pro His Ile Lys Asp Gly Glu Asp  
255   140              145              150  
256 Leu Lys Asp His Ser Thr Glu Ser Lys Lys Met Glu Asn Cys Leu  
257   155              160              165  
258 Gly Glu Ser Arg His Glu Val Glu Lys Ser Glu Ile Ser Glu Asn  
259   170              175              180  
260 Thr Asp Ala Ser Gly Lys Ile Glu Lys Tyr Asn Val Pro Leu Asn  
261   185              190              195  
262 Arg Leu Lys Met Met Phe Glu Lys Gly Glu Pro Thr Gln Thr Lys  
263   200              205              210

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/26/2002  
PATENT APPLICATION: US/09/890,549 TIME: 14:01:24

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:17; N Pos. 1237

**VERIFICATION SUMMARY**

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Input Set : A:\pf0676usn\_seqlist.txt

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L:16 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:20 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:1080 M:259 W: Allowed number of lines exceeded, <213> ORGANISM:  
L:1081 M:283 W: Missing Blank Line separator, <220> field identifier  
L:1111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:1200